

Your Ref No C89027/2001/11/8
Our Ref No.: 0535-5755usf/韓立新/Robert/Calvin

What Is Claimed Is:

1 1. A control device, comprising:
2 a sensor board, having a first through hole;
3 at least one first sensor, disposing on the sensor board;
4 a post, having a first end and a second end; and
5 a stopper, connecting to the second end of the post;
6 wherein the post is extended through the first through hole
7 by the first end, the stopper is connected to the sensor board.

1 2. The control device of claim 1, wherein the first sensor
2 comprises a strain gauge having a resistance that varies
3 according to a distortion of the sensor board.

1 3. The control device of claim 2, further comprising at
2 least one second sensor, wherein the first and the second
3 sensors are perpendicularly disposed to each other, thereby
4 detecting the distortion of the sensor board in various
5 orientations.

1 4. The control device of claim 1, wherein the first sensor
2 is disposed around the periphery of an assembly region, where
3 the sensor board and the stopper are connected.

1 5. The control device of claim 4, wherein the first sensor
2 is further extended through a gap between the sensor board and
3 the stopper.

1 6.A control device, comprising:
2 a sensor board, having a first through hole;
3 a spacer, having a second through hole;
4 at least one first sensor, disposed on the sensor board;
5 a post, having a first end and a second end; and

Your Ref No . C89027/2001/11/8
Our Ref No 0535-5755usf/韓立新/Robert/Calvin

11 wherein the post is passed through the first through hole
12 by the first end, and the stopper is connected to the sensor
13 board;
14 wherein the control device is connected to the base.

1 12. The notebook PC of claim 11, further comprising at least
2 one second sensor, wherein the first and the second sensors are
3 perpendicularly disposed to each other, thereby detecting a
4 distortion of the sensor board in various orientations.

1 13. The notebook PC of claim 11, wherein the first sensor
2 is disposed around the periphery of an assembly region, where
3 the sensor board and the stopper are connected.

1 14. The notebook PC of claim 13, wherein the first sensor
2 is further extended through a gap between the sensor board and
3 the stopper.

1 15. The notebook PC of claim 11, wherein the base comprises
2 an opening, connecting the sensor board to the base with the
3 stopper disposed in the opening.

1 16. The notebook PC of claim 11, wherein the base comprises
2 an opening, and the sensor board is connected to the base with
3 the post extending outward from the opening.

1 17.A notebook PC, comprising:

2 a main body, having a keyboard device and a base inside,
3 wherein the keyboard device comprises a control post region,
4 and the control post region is comprised of a control device,
5 wherein the control device has:

6 a sensor board, having a first through hole;

7 a spacer, having a second through hole;

8 at least one first sensor, disposing on the sensor
9 board;

10 a post, having a first end and a second end passing
11 through the first and the second through holes, and extending
12 outward from the control post region; and

13 a stopper, connecting to the second end of the post,
14 wherein the post is passed through the first and the second
15 through hole by the first end, and the spacer is connected
16 between the stopper and the sensor board;

17 wherein the control device is disposed on the base, the post
18 is extended outwardly the keyboard device.

1 18. The notebook PC of claim 17, further comprising at least
2 one second sensor, wherein the first and the second sensors are
3 perpendicularly disposed to each other, whereby detecting a
4 distortion of the sensor board in various orientations.

1 19. The notebook PC of claim 17, wherein the first sensor
2 is disposed around the periphery of an assembly region, where
3 the sensor board and the spacer are connected.

1 20. The notebook PC of claim 19, wherein the first sensor
2 is further extended through a gap between the sensor board and
3 the spacer.